

NAVIGATION

```
CardView card1, card2;
```

```
card1 = findViewById(R.id.card1);  
card2 = findViewById(R.id.card2);
```

```
card2.setOnClickListener(new View.OnClickListener() {  
    @Override  
    public void onClick(View v) {  
        startActivity(new Intent(MainActivity.this, Page2Activity.class));  
    }  
});
```

MainActivity.Java

```
package com.example.simpleapp;
```

```
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.cardview.widget.CardView;
```

```
public class MainActivity extends AppCompatActivity {  
    CardView card1, card2;
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);
```

```
        card1 = findViewById(R.id.card1);  
        card2 = findViewById(R.id.card2);
```

```
        card1.setOnClickListener(new View.OnClickListener() {  
            @Override  
            public void onClick(View v) {  
                startActivity(new Intent(MainActivity.this, Page1Activity.class));  
            }  
        });
```

```

});

card2.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        startActivity(new Intent(MainActivity.this, Page2Activity.class));
    }
});
}
}

```

colors.xml

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFF</color>
    <color name="pink">#ffb3ba</color>
    <color name="yellow">#ffffba</color>
    <color name="blue">#bae1ff</color>
</resources>

```

Strings.xml

```

<resources>
    <string name="app_name">SimpleApp</string>
    <string name="cat">Cat</string>
    <string name="dog">Dog</string>
    <string name="Dogs">Image of a Dog</string>
    <string name="Cats">Image of a Cat</string>
</resources>

```

ActivityMain.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"

```

```
tools:context=".MainActivity">
```

```
<androidx.cardview.widget.CardView  
    android:id="@+id/card1"  
    android:layout_width="288dp"  
    android:layout_height="113dp"  
    app:cardBackgroundColor="@color/pink"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="0.577"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.186" >
```

```
<TextView  
    android:id="@+id/textView3"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:text="@string/dog"  
    android:gravity="center" />
```

```
</androidx.cardview.widget.CardView>
```

```
<androidx.cardview.widget.CardView  
    android:id="@+id/card2"  
    android:layout_width="288dp"  
    android:layout_height="113dp"  
    app:cardBackgroundColor="@color/yellow"  
    app:layout_constraintBottom_toBottomOf="parent"  
    app:layout_constraintEnd_toEndOf="parent"  
    app:layout_constraintHorizontal_bias="0.577"  
    app:layout_constraintStart_toStartOf="parent"  
    app:layout_constraintTop_toTopOf="parent"  
    app:layout_constraintVertical_bias="0.466" >
```

```
<TextView  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:text="@string/cat"  
    android:gravity="center" />
```

```
</androidx.cardview.widget.CardView>
```

</androidx.constraintlayout.widget.ConstraintLayout>

Activity_page1.xml

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:id="@+id/main"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".Page1Activity">

<FrameLayout
android:id="@+id/frameLayout"
android:layout_width="404dp"
android:layout_height="449dp"
tools:layout_editor_absoluteX="1dp"
tools:layout_editor_absoluteY="1dp">

<ImageView
android:id="@+id/imageView"
android:layout_width="match_parent"
android:layout_height="449dp"
android:src="@drawable/img" />

</FrameLayout>

<TextView
android:id="@+id/textView"
android:layout_width="188dp"
android:layout_height="62dp"
android:text="@string/Dogs"
android:textSize="24sp"
android:textStyle="bold"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintHorizontal_bias="0.578"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="@+id/frameLayout"
app:layout_constraintVertical_bias="0.751" />

</androidx.constraintlayout.widget.ConstraintLayout>